

## **AOMC to EMRS Load Process**

The NWS Engineering Handbook No. 4 (EHB4), Appendix F, describes the policies and procedures necessary for reporting ASOS maintenance. A NWS A-26 form should be initiated when a maintenance event occurs on any ASOS subsystem or peripheral which is defined by a reportable equipment code. An ASOS maintenance event occurs when routine or non-routine maintenance is performed, special sampling or activities take place, or when an equipment is activated, deactivated, modified, or relocated. Although the reporting requirements are outlined in EHB4, there are a few tips which will ensure that all ASOS maintenance data is recorded accurately.

1. Overview of the AOMC to EMRS Load Process. A process has been put in place to take data from AOMC trouble tickets and create records in EMRS for these trouble tickets. If an equipment failure occurs at an AOMC monitored site, the AOMC will generate a trouble ticket when they detect the problem. The AOMC will then follow the standard procedure for informing the electronics staff of the problem. The AOMC will also generate a trouble ticket when the electronics staff calls to inform them about preventive maintenance and modifications. After the electronics staff reports to the AOMC that all work on a trouble ticket has been completed, the AOMC will close the trouble ticket. The trouble ticket will be submitted to an automated load process the next morning and at least one A-26 will be generated.
2. How the AOMC to EMRS Load Process Works. This automated process takes data from closed AOMC trouble tickets and creates an A-26 in the EMRS. The types of data collected by the AOMC and the EMRS have some differences. Because of these differences, the data in the auto-generated A-26 may not be completely correct. These A-26's should be used to report maintenance as needed. You may add, change, or delete an A-26 to accurately document an ASOS maintenance event.
3. How to Use the AOMC to EMRS Load Process. The load process will place A-26's on hold in the appropriate area in the EMRS. A trouble ticket may produce multiple A-26's. There will be one A-26 generated for each EMRS Equipment Code that can be derived from the AOMC trouble ticket. To find all A-26's generated from a trouble ticket, use the trouble ticket number query feature in the EMRS On Line Data Entry System.

EMRS

**A26 QUERY SCREEN**

Sort Order:

Commit Suppression ☐

Document Number

Trouble Ticket Number

ESA/ET Station ID

Equipment Station ID

Equipment Code

Serial Number

Operator Initials

From: Open Date  To:

Close Date

Type Maintenance

Action Taken

How Malfunction

Response Priority

☐ Immediate ☐ Low

☐ Routine ☐ Not Applicable

☒ Do Not Use in Query

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4. Tips for Using the Data Loaded by the AOMC to EMRS Process. Because the types of data collected by the AOMC and the EMRS have differences, some A-26's generated by the load process may have to be changed to accurately record the maintenance action performed. Please review the form(s) provided. You may add, change, or delete an A-26 to accurately record the maintenance event. Here are some tips for some of the fields that the load process enters:

**equipment\_code (block\_7)** The equipment\_code is derived from the AOMC's trouble ticket category field. This field sometimes has entries for problems that do not exist. Other times the AOMC does not list all failures that the ASOS has. The load process generates an A-26 for each unique equipment code that can be derived from a trouble ticket. Change the equipment code field, delete unneeded A-26's and copy A-26's as needed to properly report the maintenance performed on an ASOS.

**open\_date\_time (block\_1)** The open\_date\_time is populated with the time that the AOMC first reports the equipment code. You may need to change this field if the priority of the problem changes or if there are multiple A-26's generated from a trouble ticket.

**response\_priority (block\_3)** The response\_priority on the A-26 is the highest priority listed when the equipment code first appears. If there are multiple equipment codes in a trouble ticket, this value may be incorrect and you may need to change this field. You may also need to change this field if the response\_priority changes.

**close\_date\_time (block\_4)** The close\_date\_time is the time that the AOMC determines that all the problems for all equipment codes associated with a maintenance event are fixed. You may need to change this field if it does not accurately reflect the close\_date\_time of the A-26.

**description (block\_5)** The description field contains the AOMC's description in the trouble ticket when the equipment\_code first appears. It may be truncated to fit into the EMRS field. You may change this field as needed.

**maintenance\_comments (block\_15)** The maintenance\_comments field contains the AOMC's description documented on the trouble ticket when the trouble ticket is closed. It may be truncated to fit into the EMRS field. You may change this field as needed.